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Cryptographic key management apparatus and method.



A method for establishing a secure communications link between first (103, 380) and second (109. 390) terminals includes a step of exchanging (210) a first message. The first message contains information describing encryption devices and communications modes available within the terminals and user authentication information. The method also includes a step of selecting (219, 221, 222, 224), in at least one terminal (103, 109), a common key generation and ciphering algorithm. The method further includes steps of exchanging (230) a second message for providing data to form traffic keys, exchanging (250) a third message for synchronizing secure communications and initiating (270) secure communication.

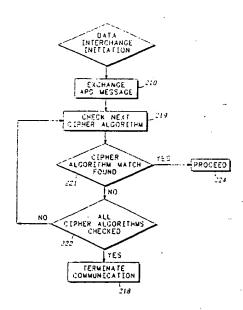


FIG. 4

EUROPEAN SEARCH REPORT

Application Number EP 93 11 5876

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